

# REPORT DOCUMENTATION PAGE

Form Approved  
OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503.

1. AGENCY USE ONLY (Leave blank)		2. REPORT DATE 06/30/83		3. REPORT TYPE AND DATES COVERED	
4. TITLE AND SUBTITLE QUARTERLY REPORTS ON MORTALITY OF WATERFOWL ON BASIN F, JANUARY 1981 THROUGH JUNE 1983				5. FUNDING NUMBERS	
6. AUTHOR(S) THORNE, D.					
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) ROCKY MOUNTAIN ARSENAL (CO.) COMMERCE CITY, CO				8. PERFORMING ORGANIZATION REPORT NUMBER  85115R02	
9. SPONSORING / MONITORING AGENCY NAME(S) AND ADDRESS(ES)				10. SPONSORING / MONITORING AGENCY REPORT NUMBER	
11. SUPPLEMENTARY NOTES					
12a. DISTRIBUTION / AVAILABILITY STATEMENT  APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED				12b. DISTRIBUTION CODE	
13. ABSTRACT (Maximum 200 words) THIS DOCUMENT CONTAINS TEN QUARTERLY REPORT TABLES ON WATERFOWL MORTALITY ON BASIN F. NO CORRESPONDENCE IS INCLUDED. DEATH NUMBERS OBSERVED DURING EACH QUARTER ARE AS FOLLOWS: 1ST QUARTER 1981=42; 2ND QUARTER 1981=39; THIRD QUARTER 1981=56; 4TH QUARTER 1981=65; 1ST QUARTER 1982=74; 2ND QUARTER 1982=70; 3RD QUARTER 1982=49; 4TH QUARTER 1982=29; 1ST QUARTER 1983=48; AND 2ND QUARTER 1983=39.					
14. SUBJECT TERMS TOXICITY				15. NUMBER OF PAGES	
				16. PRICE CODE	
17. SECURITY CLASSIFICATION OF REPORT UNCLASSIFIED	18. SECURITY CLASSIFICATION OF THIS PAGE	19. SECURITY CLASSIFICATION OF ABSTRACT	20. LIMITATION OF ABSTRACT		

**DTIC**  
**ELECTE**  
**MAR 03 1995**  
**S G D**

85115R02  
ORIGINAL

QUARTERLY REPORTS ON MORTALITY OF WATERFOWL ON BASIN F,  
JANUARY 1981 - JUNE 1983

30 JUNE 1983

DAVID THORNE  
ROCKY MOUNTAIN ARSENAL

Accession For	
NTIS	CRA&I <input checked="" type="checkbox"/>
DTIC	TAB <input type="checkbox"/>
Unannounced <input type="checkbox"/>	
Justification _____	
By _____	
Distribution/ _____	
Availability Codes	
Dist	Avail and/or Special
A-1	

Rocky Mountain Arsenal  
Information Center  
Commerce City, Colorado

**FILE COPY**

19950227 041

WATERFOWL MORTALITIES OBSERVED ON BASIN F IN  
FIRST QUARTER 1981 (JAN, FEB & MAR)

<u>SPECIES</u>	<u>NUMBER OBSERVED</u>
Pied-billed grebe	2
Mallard	1
Gadwall	1
Green-winged teal	2
Northern shoveler	1
Redhead	9
Lesser scaup	8
Common goldeneye	5
Bufflehead	2
Common merganser	7
Unknown grebe	1
Unknown ducks	<u>3</u>
TOTAL	42

INCLOSURE

Waterfowl Mortalities Observed on Basin F  
in Second Quarter, 1981 (2 Apr to 6 Jul, inclusive)

---

<u>Species</u>	<u>Number Observed</u>
Pied-billed grebe	11
Western grebe	3
Eared grebe	1
Unknown grebes	2
Mallard	2
Gadwall	1
Green-winged teal	1
Lesser scaup	4
Common goldeneye	2
Bufflehead	2
Ruddy Duck	1
Hooded merganser	1
Common merganser	1
Unknown ducks	5
American coot	<u>2</u>
Total	39

Inclosure

Waterfowl Mortalities Observed on Basin F  
in Third Quarter, 1981 7 Jul to 2 Oct, inclusive

---

<u>Species</u>	<u>Number Observed</u>
Pied-billed grebe	35
Western grebe	3
Fared of horned grebe	1
Green-winged teal	1
Blue-winged teal	1
Northern shoveler	1
Red head	1
Lesser scaup	2
Ruddy duck	1
Unidentified ducks	3
American coot	7
	<hr/>
Total	56

Inclosure

Waterfowl Mortality c Basin F in  
Fourth Quarter, 1981\*

<u>SPECIES</u>	<u>NO. OBSERVED</u>
Pied-billed grebe	19
Western grebe	4
Eared or horned grebe	1
Mallard	3
Gadwall	6
Green-winged teal	2
Northern shoveler	2
Wood duck	1
Redhead	3
Lesser scaup	6
Common goldeneye	2
Bufflehead	4
Ruddy duck	7
Unidentified ducks	2
American coot	<u>3</u>
TOTAL	65

\* 3 Oct - 31 Dec 81

Mortality of Migratory Birds on S. Vin F  
First Quarter, 1932\*

Species	No. Observed
Pied-billed grebe	4
Fard or horned grebe	6
Double-billed cormorant	1
allard	7
Sidwall	4
Northern shoveler	2
Boathead	9
Ring-necked duck	5
Lesser scaup	11
Common goldeneye	9
Pufflehead	2
Rudy duck	3
Common merganser	7
Unidentified ducks	2
American coot	<u>2</u>
TOTAL	74

\* 1 January - 29 March 1932

Mortality of Migratory Birds on Basin F  
Second Quarter, 1982\*

---

<u>Species</u>	<u>No. Observed</u>
Eared grebe	1
Western grebe	8
Pied-billed grebe	7
Unknown grebes	2
Mallard	6
Gadwall	3
Pintail	1
Green wing teal	5
Blue wing teal	3
Northern shoveler	1
Redhead	3
Lesser scaup	18
Common goldeneye	1
Bufflehead	3
Ruddy duck	4
Common merganser	3
Lesser yellowlegs	<u>1</u>
TOTAL	70

\* 30 Mar - 1 Jul 82



# Mortality of Migratory Birds on Basin F

Third Quarter, 1982\*

<u>Species</u>	<u>No. Observed</u>
Western grebe	4
Pied-billed grebe	18
Unknown grebe (probably eared)	5
Canada goose	1
Mallard	3
Gadwall	6
Green-wing teal	2
Blue-wing teal	1
Northern shoveler	1
Redhead	1
Lesser scaup	2
American coot	<u>5</u>
Total	49

\* 2 July - 6 Oct 82

Mortality of Migratory Birds on Basin F

Fourth Quarter, 1982\*

<u>Species</u>	<u>No. Observed</u>
Pied-billed grebe	3
Unidentified grebes	5
Mallard	1
Gadwall	3
Northern shoveler	2
Redhead	3
Ringneck duck	2
Lesser scaup	4
Bufflehead	2
Ruddy duck	1
Common merganser	<u>3</u>
Total	29

\* 7 Oct - 20 Dec 82

# MORTALITY OF MIGRATORY BIRDS ON BASIN F

FIRST QUARTER 1983\*

<u>SPECIES</u>	<u>NO. OBSERVED</u>
Western Grebe	1
Pied-billed Grebe	1
Mallard	10
Gadwall	3
Green-winged Teal	1
Northern Shoveler	1
Redhead	6
Ring-necked Duck	5
Lesser Scaup	13
Common Goldeneye	3
Ruddy Duck	1
Common Merganser	2
American Coot	<u>1</u>
Total	48

\*21 December 1982 - 23 March 1983

# MORTALITY OF MIGRATORY BIRDS ON BASIN F

SECOND QUARTER 1983\*

<u>SPECIES</u>	<u>NO. OBSERVED</u>
Western grebe	2
Pied-billed grebe	9
Mallard	1
Gadwall	2
Northern shoveler	2
Redhead	5
Lesser scaup	8
Bufflehead	1
Ruddy duck	7
American coot	<u>2</u>
Total	39

\*24 March to 30 June 1983